

Appl. No. : 104,340  
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On page 19, in the Figure 1 description, line 9, after "154-813" and before the ")", please insert -- SEQ ID NOS:5 and 8--.

On page 19, in the Figure 1 description, line 11, after "FIG.1" and before "was", please insert -- SEQ ID NO:5 --.

On page 19, in the Figure 2B description, line 22, after "(1991)." please insert --New Biologist 3 769-778--.

On page 21, line 8, please cancel "FIG.5:" and substitute in its place --FIG. 5A-C:--

On page 21, line 22, please cancel "FIG.6:" and substitute in its place --FIG. 5A-D:--.

On page 23, line 7, please cancel "FIG.9" and substitute in its place --FIG. 9A-F:--.

On page 23, line 14, please cancel "a, c, e," and substitute in its place --9A, 9C, 9E--.

On page 23, line 18, please cancel "b, d, f," and substitute in its place --9B, 9D, 9F--.

On page 23, line 15, please cancel "(a, b)" and substitute in its place --(9A, 9B)--.

On page 23, line 18, please cancel "(c,d)" and substitute in its place --(9C, 9D)--.

On page 23, line 23, please cancel "(e,f)" and substitute in its place --(9E, 9F)--.

On page 23, line 25, please cancel "(c,d)" and substitute in its place --(9C, 9D)--.

On page 24, after line 31, please insert (as page 25):

-- FIG. 10F: HEK I-VII mRNA (10 pg) injected embryo at 12 hpf showing *pax-b* and *krox 20* expressing cells in the mid and hindbrain extensively displaced from the midline; *myoD* expressing cells of the paraxial mesoderm displaced from the midline are visible posterior to the brain; an intact *hox-1* stripe is present anteriorly.

FIG. 10G: HEK IV-VII mRNA (10 pg) injected embryo at 12hpf demonstrating normal expression of *hox-1*, *pax-b*, *krox20* and *myoD*; by comparison with (FIG. 10E) the embryo in (FIG. 10G) is rotated approximately 30° anteriorly.

FIG. 11: Dose response and phenotypic rescue of soluble HEK and LERK7-induced developmental defects.